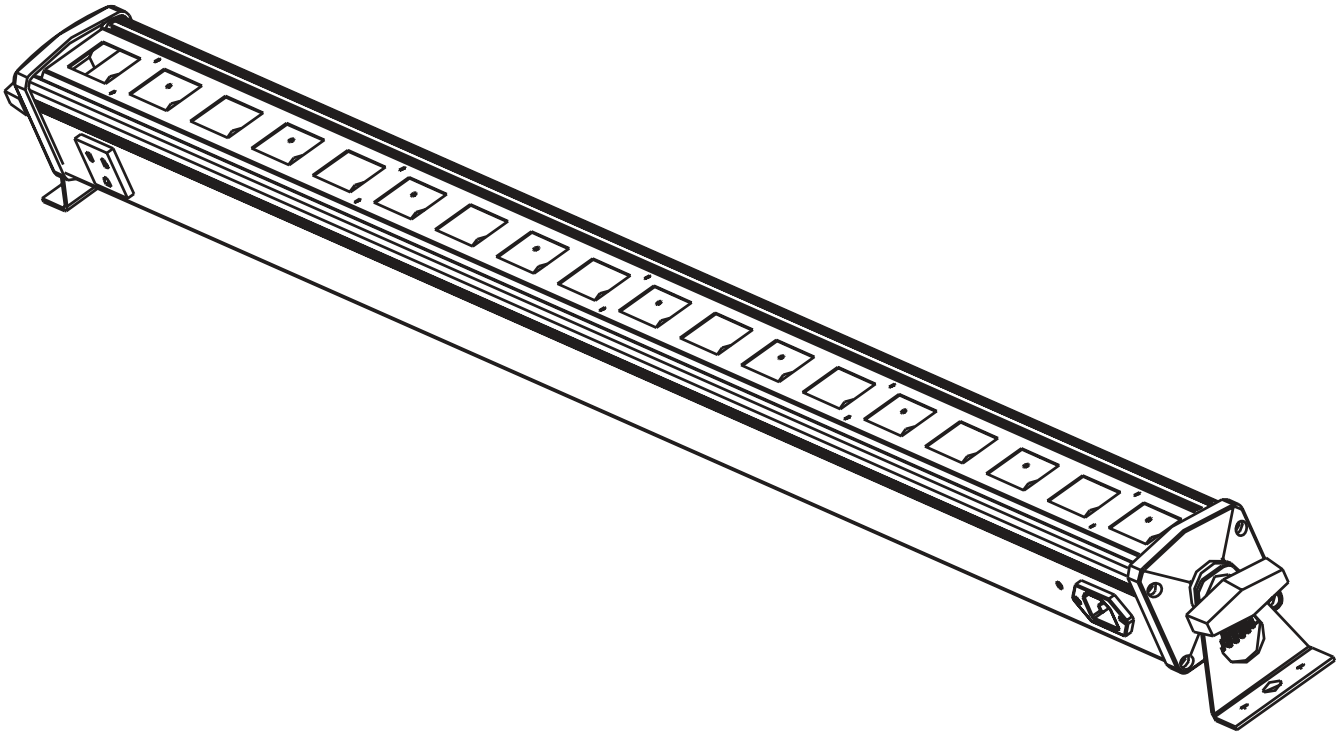
PRO AUDIO
SERIES

612610

Blacklight UV **LED Light Bar**



USER'S MANUAL

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TABLE OF CONTENTS

SAFETY WARNINGS AND GUIDELINES 3

INTRODUCTION 4

PACKAGE CONTENTS 4

FEATURES 4

MENU MAP 5

MENU SYSTEM 6

MENU DETAILS 6

- DMX Address Setup 6
- DMX Channel Selection 6

MODES 7

- Automatic Mode 7
- Sound Activation Mode 7
- Strobe Mode 8
- Slave Mode 8

MASTER/SLAVE MODE 8

DMX CONTROL 9

- 2CH Mode 9
- 3CH Mode 9

DMX TERMINATION 9

TECHNICAL SUPPORT 10

TROUBLESHOOTING 10

SPECIFICATIONS 10

SAFETY WARNINGS AND GUIDELINES

- Do not expose this device to water or moisture of any kind. Do not place drinks or other containers with moisture on or near the device. If moisture does get in or on the device, immediately unplug it from the power outlet.
- This device is intended for indoor use only.
- This device uses a grounded power cord and requires a ground connection for safe operation. Ensure that the power source has a proper ground connection. Do not modify the plug or use a "cheater" plug to bypass the ground connection.
- Ensure that the power outlet used to connect this device does not exceed the rated maximum voltage, listed on the back panel of the device.
- Ensure that power is turned off and disconnected before making any electrical connections.
- Disconnect from the power source during lightning storms or when not in use.
- Take care to prevent damage to the power cord. Do not allow it to become crimped, pinched, walked on, or become tangled with other cords.
- When disconnecting the power cord do not pull on the cord itself. Instead, grasp the plug connector head to disconnect it from the power socket.
- The power cord uses the US standard color coding with green for ground.
- This device has no user serviceable parts. Do not attempt to open, service, or modify this device.
- Do not use chemical cleaners or solvents to clean the cabinet. Use only a soft dry cloth. For stubborn dirt, moisten the cloth with warm water.
- This device ventilates excessive heat through the slots and openings in the case. Do not block or cover these openings. Ensure that the device is in an open area where it can get sufficient airflow to keep from overheating.
- Ensure that there are no flammable materials within 0.5m (20 inches) of the light.
- Do not connect this light to a dimmer.
- This device has a pass-through AC outlet, which allows you to cascade multiple lights through a single power source connection. When using 110 VAC level power, do not cascade more than 40 lights. If using 220 VAC level power, do not cascade more than 30 lights.

INTRODUCTION

Thank you for purchasing the Monoprice 612610 Blacklight UV LED Light Bar! Please read this manual before attempting to operate the light.

This light accepts 110 ~ 240 VAC and consumes only 20 watts of power. It features a sound activation mode, so it can automatically respond to musical content, as well as predefined automatic modes. It uses 2 and 3-channel DMX modes.

PACKAGE CONTENTS

After receiving the product, please inventory the contents to ensure you have all the proper parts, as listed below. If anything is missing or damaged, please contact Monoprice Customer Service for a replacement.

1x Blacklight UV LED Light Bar

1x AC power cable (IEC 60320 C13 to NEMA 5-15)

2x Mounting brackets

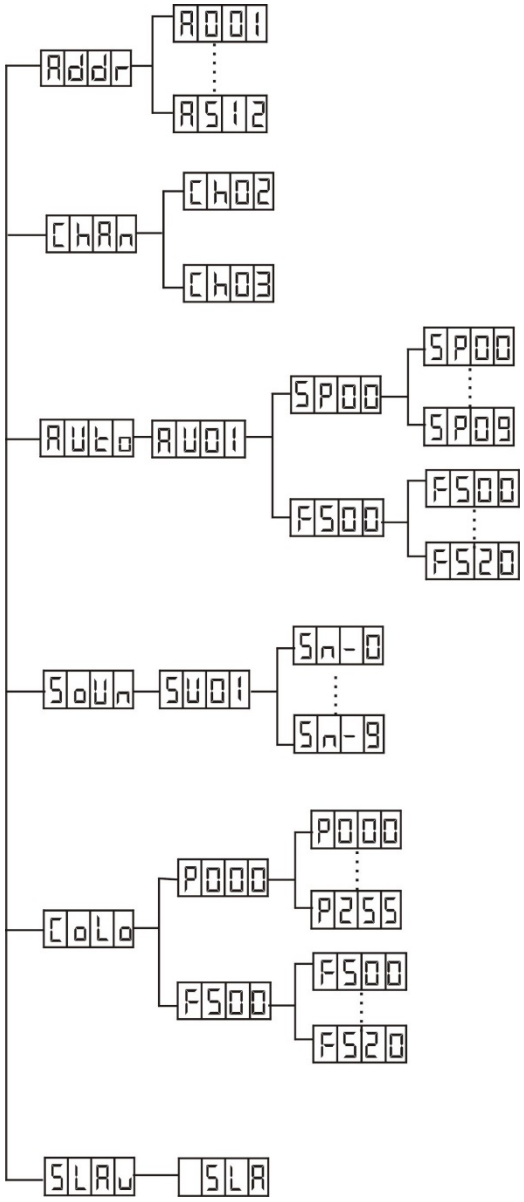
2x Bracket thumbscrews

1x User's manual

FEATURES

- DMX512, Sound Activated, and Master/Slave control modes
- DMX input and pass-through connectors
- AC pass-through connector
- Black aluminum housing
- Strobe speed and intensity controls
- LED control menu

MENU MAP


Addr
A001
A512
ChAn
Ch02
Ch03
AUto
AU01
SP00
SP00
SP09
FS00
FS00
FS20
SoUn
SU01
Sn-0
Sn-9
CoLo
P000
P000
P255
FS00
FS00
FS20
SLAv
SLA

MENU SYSTEM

Use the four buttons under the LED display to set the mode in which the light will operate. The buttons perform the following functions:

MENU/ESC: Accesses the menu system or backs out of editing an entry.

UP: Selects the next mode down in the Menu Map or increases the value of the selected mode.

DOWN: Selects the previous mode up in the Menu Map or decreases the value of the selected mode.

ENTER: Selects the currently displayed mode for editing or accepts the edited value.

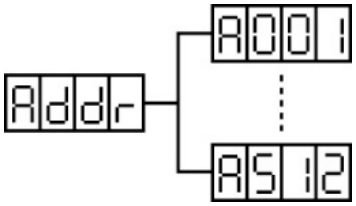
MENU DETAILS

For use as stand alone blacklight (including always on) without DMX turn to page 8 to enter Strobe Mode

DMX Address Setup

Use this menu option to set the starting DMX address.

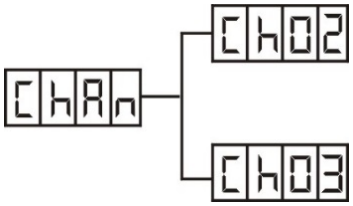
1. Press the **MENU** button to turn on the menu display.
2. Press the **UP** or **DOWN** button until **Addr** is displayed.
3. Press **ENTER** to select the entry for editing.
4. Use the **UP** and **DOWN** buttons to set the address value.



DMX Channel Selection

Select the number of DMX channels to use. See the DMX Control section for details on the two channel modes.

1. Press the **MENU** button to turn on the menu display.
2. Press the **UP** or **DOWN** button until **Chan** is displayed.
3. Press **ENTER** to select the entry for editing.
4. Use the **UP** and **DOWN** buttons to select the number of DMX channels to use.



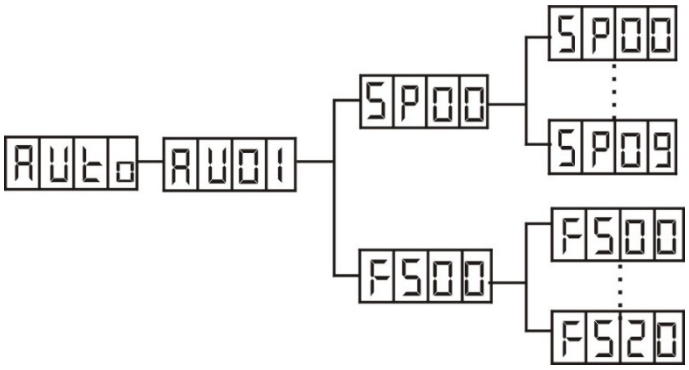
MODES

This light has three types of modes: Automatic, Sound Activation, and Strobe. Settings are retained when power is turned off

Automatic Mode

The light bar has an automatic pulsing mode which can be combined with a strobe.

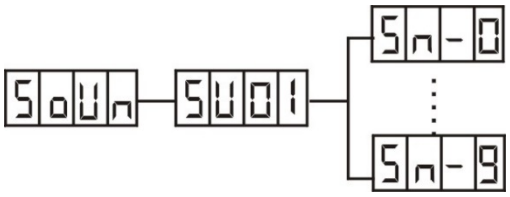
1. Press the **MENU** button to turn on the menu display.
2. Press the **UP** or **DOWN** button until **AUto** is displayed.
3. Press **ENTER** repeatedly until **SPxx** is displayed (xx can be any number).
4. Use the **UP** and **DOWN** buttons to set the speed of the pulsing function.
5. Press **ENTER** until **FSxx** is displayed (xx can be any number).
6. Use the **UP** and **DOWN** buttons to set the speed from of the strobe, from 0 (off) to 20 (20Hz).



Sound Activation Mode

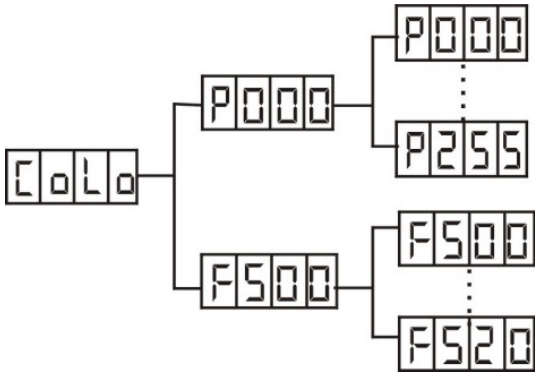
The sound activation mode responds to musical content.

1. Press the **MENU** button to turn on the menu display.
2. Press the **UP** or **DOWN** button until **Soun** is displayed.
3. Press **ENTER** twice to select the entry for editing.
4. Use the **UP** and **DOWN** buttons to set the sensitivity.



Strobe Mode

1. Press the **MENU** button to turn on the menu display.
2. Press the **UP** or **DOWN** buttons until **CoLo** is displayed.
3. Press **ENTER** repeatedly until **Pxxx** is displayed (xxx can be any number).
4. Use the **UP** and **DOWN** buttons to set the brightness level of the light.
5. Press **ENTER** until **SPxx** is displayed (xx can be any number).
6. Use the **UP** and **DOWN** buttons to set the speed of the strobing effect, from 0 (no strobing) to 20 (20Hz).

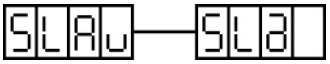


NOTE: For use as a stand alone blacklight always on (without DMX) set Brightness to P255 and Strobe to FS00

Slave Mode

Only one fixture in each DMX chain can be the Master. All others must be set to Slave.

1. Press the **MENU** button to turn on the menu display.
2. Press the **UP** or **DOWN** buttons until **SLAu** is displayed.
3. Press **ENTER** to select Slave mode. The display will read **SLa**.



MASTER/SLAVE MODE

Whenever the light is set to a mode other than a DMX address or Slave mode, it is considered to be in Master mode. For example, when set to the Sound Activated operation, it is in a Master mode.

When the light is the Master, it will send DMX instructions to other connected lights. Those other lights must be set to Slave mode (SLAu) to receive and execute the instructions sent by the Master light.

Note: Only one light in any DMX Universe can be the Master. All other lights in the chain must be set to Slave mode (SLAu).

DMX CONTROL

When the light is set to a DMX address it will respond to signals from a DMX controller. The number and complexity of the signals it can respond to correspond directly to the number of channels selected. The following tables show the functions and values for each channel in the two channel modes (2 or 3).

2CH Mode

Channel	Value	Function
1	0-255	Dimmer 0-100%
2	0-11	No function
	12-255	Strobe 0-20Hz

3CH Mode

Channel	Value	Function
1	0-9	No function
	11-128	Auto mode
	129-255	Sound activated mode
2	0-255	Sensitivity when in Sound mode, pulsing speed when in Auto mode
3	0-11	No function
	12-255	Strobing speed

DMX TERMINATION

As with all DMX devices, the last unit in any chain must have a DMX terminator connected to the DMX output. If using just a single light, connect a DMX terminator to the DMX output.

A DMX terminator is a DMX plug with a 120-ohm, 1/4-watt resistor soldered between pins 2 and 3.

TECHNICAL SUPPORT

Monoprice is pleased to provide free, live, online technical support to assist you with any questions you may have about installation, setup, troubleshooting, or product recommendations. If you ever need assistance with your new product, please come online to talk to one of our friendly and knowledgeable Tech Support Associates. Technical support is available through the online chat button on our website (**www.monoprice.com**) during regular business hours, 7 days a week. You can also get assistance through email by sending a message to **tech@monoprice.com**

TROUBLESHOOTING

Following are some sample problems and potential solutions to those problems.

Q1: The light does not turn on and the menu will not display.

A1: Check the power cable to ensure it is properly plugged in. Check the source power outlet by plugging in a different device.

Q2: The light does not respond to DMX commands.

A2: Ensure that the light is set to DMX mode with a valid DMX address. Check for address conflicts with other devices. Check the cabling to ensure that there is continuity between the light and the DMX controller. Verify that there is a terminator at the end of the chain. Verify that the DMX controller is operating properly with another DMX device.

SPECIFICATIONS

Model	612610
Light Source	18x 1-watt UV LEDs
DMX Channels	2 or 3
Beam Angle	45°
Input Voltage	100 ~ 240 VAC, 50/60 Hz
Power Consumption	20 watts maximum
Fuse	FL1A 250V
IP Rating	IP20
Operating Temperature	-4 ~ +104°F (-20 ~ +40°C)
Dimensions	41.3" x 3.9" x 3.5" (1050 x 100 x 90)
Net Weight	4.6 lbs. (2.1 kg)